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From: Robert Puls/ADA/USEPA/US

To: Chris Hill <chris.hill@chk.com>

Copy To: Bert Smith <bert.smith@chk.com>; Cassi Vann <cassi.vann@chk.com>; Debby McElreath <debby.mcelreath@chk.com>; Fonda Manwell <fonda.manwell@chk.com>; "gflorentino@ene.com" <gflorentino@ene.com>; "GLukert@ene.com" <GLukert@ene.com>; John Satterfield <john.satterfield@chk.com>; Michael Overbay/R6/USEPA/US@EPA; Mike Brownell <mike.brownell@chk.com>; Nancy Coleman <nancy.coleman@chk.com>; Steve Vandegrift/ADA/USEPA/US@EPA; Susan Mravik/ADA/USEPA/US@EPA

Delivered Date: 11/21/2011 12:19 PM EDT

Subject: RE: conf call on Mon Nov 21 1 pm CT

I am trying to get a signed copy of the QMP given CHKs focus on it. I think we should postpone the call today until I have that to send to CHK.

Robert W. Puls, Ph.D.
Agency Technical Lead, Hydraulic Fracturing Study
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580-436-8543 (phone)
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▼ Chris Hill ---11/21/2011 11:15:12 AM---We are more than happy to discuss the revisions in greater detail during the conference call today.

From: Chris Hill <chris.hill@chk.com>

To: Robert Puls/ADA/USEPA/US@EPA

Cc: Bert Smith <bert.smith@chk.com>, Cassi Vann <cassi.vann@chk.com>, Debby McElreath <debby.mcelreath@chk.com>, Fonda Manwell <fonda.manwell@chk.com>, "gflorentino@ene.com" <gflorentino@ene.com>, "GLukert@ene.com" <GLukert@ene.com>, John Satterfield <john.satterfield@chk.com>, Michael Overbay/R6/USEPA/US@EPA, Mike Brownell <mike.brownell@chk.com>, Nancy Coleman <nancy.coleman@chk.com>, Steve Vandegrift/ADA/USEPA/US@EPA, Susan Mravik/ADA/USEPA/US@EPA

Date: 11/21/2011 11:15 AM

Subject: RE: conf call on Mon Nov 21 1 pm CT

We are more than happy to discuss the revisions in greater detail during the conference call today. Are we still planning to have this call?

In summary, CHK has provided information that can be incorporated into the QAPP. However, given the Quality Management Plan and Data Quality Objectives have not been provided to the prospective study team (including CHK), we cannot speak to whether or not the information provided is aligned with EPA requirements/objectives for this study.

Please let me know if you have any additional questions. I look forward to our discussion.

Thanks,

Chris

From: Puls.Robert@epamail.epa.gov [mailto:Puls.Robert@epamail.epa.gov]

Sent: Monday, November 21, 2011 9:41 AM

To: Chris Hill

Cc: Bert Smith; Cassi Vann; Debby McElreath; Fonda Manwell; 'gflorentino@ene.com'; 'GLukert@ene.com'; John Satterfield; Overbay.Michael@epamail.epa.gov; Mike Brownell; Nancy Coleman; Vandegrift.Steve@epamail.epa.gov; Mravik.Susan@epamail.epa.gov

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It was my understanding that you wanted to revise this for inclusion into the QAPP. Are you indicating that those revisions have been made?

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Date: 11/21/2011 10:12 AM
Subject: RE: conf call on Mon Nov 21 1 pm CT

Bob,

Please find the revised draft produced water sampling procedure. CHK originally provided this document to the EPA on September 19, 2011. As we discussed during our last conference call, CHK is supplying this draft document for the EPA to reference during the QAPP development. Let me know if you have any questions.

Thanks,
Chris

From: Puls.Robert@epamail.epa.gov [<mailto:Puls.Robert@epamail.epa.gov>]

Sent: Monday, November 21, 2011 6:54 AM

To: Chris Hill

Cc: Bert Smith; Cassi Vann; Debby McElreath; Fonda Manwell; 'gflorentino@ene.com'; 'GLukert@ene.com'; John Satterfield; Overbay.Michael@epamail.epa.gov; Mike Brownell; Nancy Coleman; Vandegrift.Steve@epamail.epa.gov; Mravik.Susan@epamail.epa.gov

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